

CLAIMS

1. An eye image taking device comprising:

an imaging unit for taking the eye of a person to be authenticated, as an eye image;

an illumination unit for illuminating the eye of the person to be authenticated;

an eyeglass reflection detecting unit for detecting the presence/absence and position of an eyeglass reflection from the eye image;

a pupil detecting portion for detecting the presence/absence and position of a pupil from the eye image; and

an instruction unit for instructing either the direction for the imaging unit to move or the direction for the face direction of the person to be authenticated to move, so as to acquire the eye image having no eyeglass reflection on the basis of the relative positions between the position of the pupil and the position of the eyeglass reflection, in case the eyeglass reflection detecting portion detects the presence of the eyeglass reflection.

2. An eye image taking device according to Claim 1,

wherein the direction for the imaging unit to move so as to acquire the eye image having no eyeglass reflection is

identical to the direction of the relative position of the eyeglass reflection.

3. An eye image taking device according to Claim 1,

wherein the direction for the face of the person to be authenticated to move so as to acquire the eye image having no eyeglass reflection is opposed to the direction of the relative position of the eyeglass reflection.

4. An eye image taking device according to Claim 1,

further comprising a storage portion for storing the instruction contents of the instruction unit,

wherein the instruction unit instructs either the direction for the imaging unit to move or the direction of the face of the person to be authenticated to move, on the basis of the contents stored in the storage portion.

5. An eye image taking device according to Claim 4,

wherein the instruction unit instructs the same contents as those of the highest frequency of the contents stored in the storage portion.

6. An eye image taking device according to Claim 1 or 4,

wherein the instruction unit includes a speech output unit for issuing an instruction in a speech.

7. An eye image taking device according to Claim 1 or 4,
wherein the instruction unit includes a display unit for
displaying an arrow indicating the direction for the face to
move.

8. An eye image taking device according to Claim 1 or 4,
wherein the instruction unit includes a plurality of
instruction LEDs for turning on an LED indicating the direction
for the face to move.